

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



25 APR 2005



(43) International Publication Date
6 May 2004 (06.05.2004)

PCT

(10) International Publication Number
WO 2004/037321 A2

(51) International Patent Classification⁷: A61M
(21) International Application Number: PCT/US2003/034283
(22) International Filing Date: 27 October 2003 (27.10.2003)
(25) Filing Language: English
(26) Publication Language: English
(30) Priority Data: 60/421,394 25 October 2002 (25.10.2002) US
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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

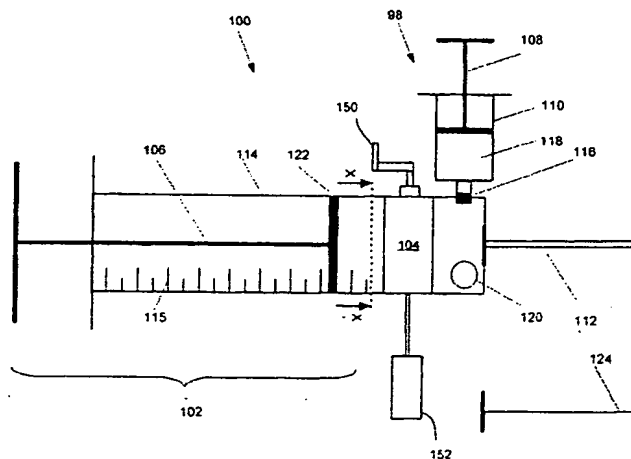
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Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: APPARATUS AND METHOD FOR IMMUNOTHERAPY OF A CANCER THROUGH CONTROLLED CELL LYSIS



(57) Abstract: The treatment device includes an extraction mechanism, configured to extract a tissue sample from a patient or a tumor, coupled to a lysis mechanism. The lysis mechanism is configured to induce lysis of the tissue sample into a lysed tissue sample. The treatment device also includes an administration mechanism that is coupled to both the extraction mechanism and the lysis mechanism. Further included with the treatment device is an additive mechanism configured to add an additive solution to the lysed tissue sample before the lysed tissue sample is administered to the patient. Furthermore, the invention also provided a method for treating a cancer. The method includes the steps of extracting a tissue sample from a patient or a tumor into a chamber of a treatment device. Lysing the tissue sample into an lysed tissue sample within the chamber of the treatment device and administering the lysed tissue sample directly from the treatment device into the patient.

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